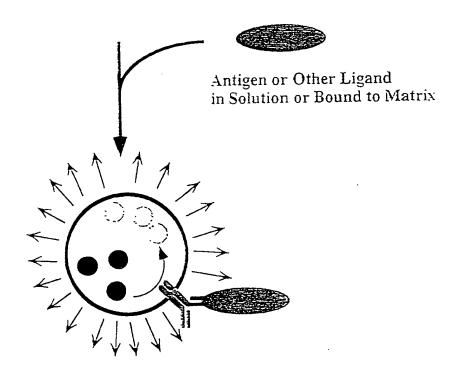


Unbound Biodetector



Bound Biodetector

FIGURE 1

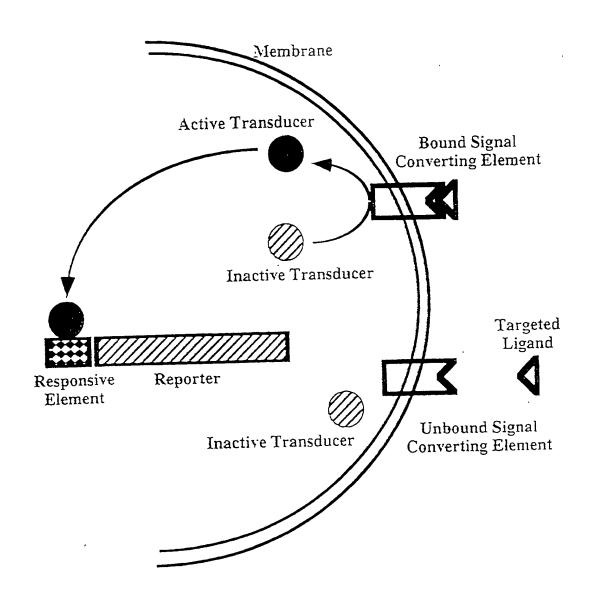


FIGURE 2

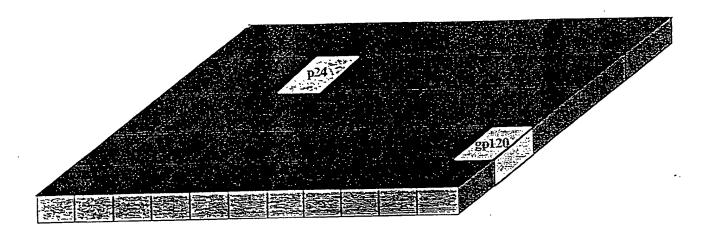
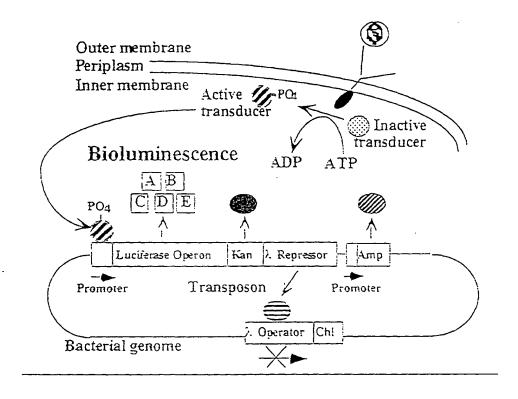
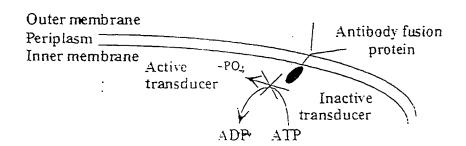


FIGURE 3

A. In the presence of ligand (Ampr, Kanr, Chls and bioluminescent).



B. In the absence of ligand (Ampr, Chlr, Kans and NOT bioluminescent)



Effect of Human Blood on Signal from BioluminescentSalmonella

			LB5000		LB5000 and 30 µl blood	
	Dilution	CFU/well		Relative Bioluminescence	·	Relative Bioluminescence
	1:100	512		199243		159497
	1:200	256		187163		110081
	1:400	128		170044		72234
	1:800	164		154031		46273
	1:1600	32		146934		17598
	1:3200	16		112196		6731
••	1:6400	8		50302		320

FIGURE 5